

Chief Secretary's Office, Adelaide, June 19th, 1893.

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

J. H. GORDON, Chief Secretary.

Return of Births and Deaths registered in South Australia, exclusive of the Northern Territory, in the Month of April, 1888-93.

Years .....	1888.	1889.	1890.	1891.	1892.	Average of Five Years.	1893.												Total for 1893.
*Population, April 1st	304,765	306,852	310,873	315,048	322,670		334,381												
Births.....	876	859	873	923	781	862	872												3,372
Rate per cent. ....	·287	·280	·281	·293	·242	—	·261												
Deaths—							All Ages.	Under 1 year.	1 and under 5.	6 and under 20	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	+Coroners' Inquiries.	+Uncertai- ned causes of Death.		
All causes .....	304	318	326	302	348	320	328	98	24	28	60	41	63	14	—	30	12	1,369	
Rate per cent. ....	·100	·104	·105	·096	·108	—	·098	—	—	—	—	—	—	—	—	—	—	—	
Diseases—																			
i. Specific Febrile or Zymotic ..	58	82	63	46	70	—	55	21	7	9	12	3	2	1	—	—	—		
ii. Parasitic .....	2	3	—	2	3	—	5	3	—	—	1	1	—	—	—	—	—		
iii. Dietic .....	4	7	4	1	3	—	3	3	—	—	—	—	—	—	—	—	—		
iv. Constitutional..	40	41	47	44	51	—	54	2	—	9	14	13	16	—	—	—	—		
v. Developmental..	30	37	28	22	37	—	30	11	—	—	—	—	8	11	—	—	—		
vi. Local .....	135	106	132	126	135	—	130	31	13	7	25	20	32	2	—	—	—		
vii. Violence .....	14	15	18	22	11	—	19	1	1	3	7	4	3	—	—	—	—		
viii. Ill-defined and not specified causes .....	21	27	34	39	38	—	32	26	3	—	1	—	2	—	—	—	—		

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines.

+ Including inquests.

‡ Not certified by qualified practitioners.

Causes of Deaths registered in the Month of April, 1893.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Other constitutional diseases	—	1	Accidents of childbirth....	—	3
Measles .....	—	—	V.			Diseases of locomotive sys- tem .....	—	1
Scarlet fever .....	1	1	Premature birth.....	10	—	Diseases of integumentary system.....	2	1
Relapsing fever .....	—	—	Cyanosis .....	—	—	VII.		
Influenza .....	—	9	Congenital defects.....	1	—	(Accident.)		
Whooping-cough .....	3	2	Old age .....	—	19	Fracture and contusion....	—	7
Diphtheria .....	—	7	VI.			Gunshot wound .....	—	1
Simple and ill-defined fever..	—	—	Apoplexy .....	1	4	Cut, stab.....	—	—
Enteric fever .....	—	6	Epilepsy .....	—	—	Burn and scald .....	—	2
Simple cholera .....	1	1	Convulsions .....	8	1	Poison .....	—	—
Diarrhoea, dysentery.....	16	3	Other diseases of brain and nervous system .....	2	6	Drowning .....	—	—
Remittent fever .....	—	1	Diseases of organs of special sense .....	—	—	Suffocation .....	—	—
Venereal affections.....	—	—	Diseases of circulatory sys- tem .....	1	26	Otherwise .....	1	—
Erysipelas .....	—	1	Croup .....	—	2	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Bronchitis .....	4	8	Murder and manslaughter..	—	—
Puerperal fever .....	—	3	Pneumonia .....	4	12	(Suicide.)		
Other zymotic diseases .....	—	—	Pleurisy .....	—	4	Gunshot wound .....	—	1
II.			Other diseases of respiratory system.....	—	3	Cut, stab .....	—	2
Thrush .....	3	—	Dentition .....	5	1	Poison .....	—	2
Worms and other parasitical diseases .....	—	2	Quinsy, sore throat .....	—	—	Drowning .....	—	1
III.			Enteritis .....	4	3	Hanging .....	—	2
Privation—want of breast milk	3	—	Peritonitis .....	—	5	Otherwise .....	—	—
Alcoholism .....	—	—	Diseases of liver.....	—	4	VIII.		
IV.			Other diseases of digestive system.....	—	6	Dropsy .....	—	2
Rheumatic fever and rheuma- tism of heart .....	—	2	Diseases of lymphatic sys- tems and of ductless glands	—	1	Debility, atrophy, inanition	24	4
Rheumatism .....	—	—	Diseases of urinary system	—	7	Mortification .....	—	—
Gout .....	—	1	Diseases of generative sys- tem .....	—	1	Tumor .....	—	—
Cancer, malignant disease ....	—	20				Abscess .....	—	—
Tabes mesenterica .....	1	—				Hæmorrhage .....	—	—
Tubercular meningitis .....	1	2				Sudden, cause unascertained	—	—
Phthisis .....	—	24				Other ill-defined and not specified causes .....	2	—
Scrofula, tuberculosis .....	—	2						

## Return of Births and Deaths registered in the City of Adelaide in the Month of April, 1888-93.

Years .....	1888.	1889.	1890.	1891.	1892.	Average of Five Years.	1893.											Total for 1893.
Population, Jan. 1st	36,219	36,400	37,189	37,727	38,240		39,073											
Births .....	96	105	110	91	91	99	97											385
Rate per cent.....	·265	·288	·296	·241	·238	—	·248											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	*Coroner's inquiries.	+Uncerti- fied causes of death.	
All causes .....	64	75	74	73	72	72	78	16	2	6	23	13	16	2	—	7	—	321
Rate per cent.....	·177	·206	·199	·193	·188	—	·200	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	9	14	17	6	14	—	11	5	1	2	3	—	—	—	—	—	—	
II. Parasitic .....	—	2	—	1	1	—	2	—	—	—	1	1	—	—	—	—	—	
III. Dietic .....	2	4	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
IV. Constitutional..	18	8	12	20	12	—	21	—	—	3	8	4	6	—	—	—	—	
V. Developmental..	6	15	8	7	7	—	4	1	—	—	—	—	1	2	—	—	—	
VI. Local .....	28	22	30	27	29	—	30	6	1	1	7	7	8	—	—	—	—	
VI.I Violence .....	—	6	1	2	2	—	6	—	—	—	4	1	1	—	—	—	—	
VIII. Ill-defined and not specified causes ....	1	4	5	10	7	—	4	4	—	—	—	—	—	—	—	—	—	

\*Including inquests.

+Not certified by qualified practitioners.

## Causes of Deaths registered in the Month of April, 1893.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula, tuberculosis ....	—	1	Accidents of childbirth ....	—	—
Measles .....	—	—	Other constitutional diseases	—	1	Diseases of locomotive system	—	1
Scarlet fever .....	—	—				Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	1	—	VII. (Accident.)		
Whooping-cough .....	1	—	Cyanosis .....	—	—	Fracture and contusion....	—	2
Diphtheria .....	—	1	Congenital defects .....	—	—	Gunshot wound .....	—	—
Simple and ill-defined fever..	—	—	Old age .....	—	3	Cut, stab .....	—	—
Enteric fever .....	—	3				Burn and scald .....	—	—
Simple cholera .....	—	—	VI.			Poison .....	—	—
Diarrhoea, dysentery .....	4	—	Apoplexy .....	—	1	Drowning .....	—	—
Remittent fever .....	—	—	Epilepsy .....	—	—	Suffocation .....	—	—
Venereal affections .....	—	—	Convulsions .....	2	—	Otherwise .....	—	—
Erysipelas .....	—	—	Other diseases of brain and nervous system .....	1	2	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Diseases of organs of special sense .....	—	—	Murder and manslaughter..	—	—
Puerperal fever .....	—	2	Diseases of circulatory system	—	7	(Suicide.)		
Other zymotic diseases .....	—	—	Croup .....	—	—	Gunshot wound .....	—	—
II.			Bronchitis .....	2	2	Cut, stab .....	—	1
Thrush .....	—	—	Pneumonia .....	1	2	Poison .....	—	2
Worms and other parasitical diseases .....	—	2	Pleurisy .....	—	1	Drowning .....	—	1
III.			Other diseases of respiratory system .....	—	1	Hanging .....	—	—
Privation—want of breast milk	—	—	Dentition .....	—	—	Otherwise .....	—	—
Alcoholism .....	—	—	Quinsy, sore throat .....	—	—	VIII.		
IV.			Enteritis .....	—	—	Dropsy .....	—	—
Rheumatic fever and rheuma- tism of heart .....	—	1	Peritonitis .....	—	1	Debility, atrophy, inanition	4	—
Rheumatism .....	—	—	Diseases of liver .....	—	—	Mortification .....	—	—
Gout .....	—	—	Other diseases of digestive system .....	—	1	Tumor .....	—	—
Cancer, malignant disease ..	—	8	Diseases of lymphatic sys- tems and of ductless glands	—	1	Abscess .....	—	—
Tabes mesenterica .....	—	—	Diseases of urinary system	—	3	Hæmorrhage .....	—	—
Tubercular meningitis .....	—	1	Diseases of generative system	—	1	Sudden, cause unascertained	—	—
Phthisis .....	—	9				Other ill-defined and not specified causes .....	—	—



*Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of April, 1893.*

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st .....	39,073	6,217	6,873	8,070	9,405	3,666	4,842
Persons to an acre .....	10·8	10·8	10·4	14·6	13·1	7·6	7·4
Births .....	97	14	17	25	27	5	9
Male .....	52	8	10	9	17	3	5
Female .....	45	6	7	16	10	2	4
Deaths .....	61	14	10	9	22	5	1
Male .....	39	10	7	6	13	3	—
Female .....	22	4	3	3	9	2	1
CLASSES.							
i. Specific Febrile or Zymotic Diseases .....	8	1	1	1	3	1	1
ii. Parasitic Diseases .....	1	—	—	—	—	1	—
iii. Dietic Diseases .....	—	—	—	—	—	—	—
iv. Constitutional Diseases .....	17	1	4	2	9	1	—
v. Developmental Diseases .....	4	3	—	1	—	—	—
vi. Local Diseases .....	24	6	4	4	9	1	—
vii. Violence .....	3	2	1	—	—	—	—
viii. Ill-defined and not specified causes .....	4	1	—	1	1	1	—
Percentage of Deaths to population of each Ward .....	·156	·225	·146	·112	·234	·136	·021

*Causes of Deaths registered in the Month of April, 1893.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis .....	—	7	Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula, tuberculosis .....	—	1	Diseases of locomotive system .....	—	1
Scarlet fever .....	—	—	Other constitutional diseases.	—	1	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	1	—	VII.		
Whooping-cough .....	1	—	Cyanosis .....	—	—	(Accident.)		
Diphtheria .....	—	1	Congenital defects .....	—	—	Fracture and contusion ....	—	—
Simple and ill-defined fever ..	—	—	Old age .....	—	3	Gunshot wound .....	—	—
Enteric fever .....	—	1	VI.			Cut, stab .....	—	—
Simple cholera .....	—	—	Apoplexy .....	—	1	Burn and scald .....	—	—
Diarrhoea, dysentery .....	4	—	Epilepsy .....	—	—	Poison .....	—	—
Remittent fever .....	—	—	Convulsions .....	2	—	Drowning .....	—	—
Venereal affections .....	—	—	Other diseases of brain and nervous system .....	1	2	Suffocation .....	—	—
Erysipelas .....	—	—	Diseases of organs of special sense .....	—	—	Otherwise .....	—	—
Pyæmia and septicæmia ....	—	—	Diseases of circulatory system .....	—	3	(Homicide.)		
Puerperal fever .....	—	1	Croup .....	—	—	Murder and manslaughter ..	—	—
Other zymotic diseases .....	—	—	Bronchitis .....	2	2	(Suicide.)		
II.			Pneumonia .....	1	2	Gunshot wound .....	—	—
Thrush .....	—	—	Pleurisy .....	—	1	Cut, stab .....	—	—
Worms and other parasitical diseases .....	—	1	Other diseases of respiratory system .....	—	1	Poison .....	—	2
III.			Dentition .....	—	—	Drowning .....	—	1
Privation — Want of breast milk .....	—	—	Quinsy, sore throat ..	—	—	Hanging .....	—	—
Alcoholism .....	—	—	Enteritis .....	—	—	Otherwise .....	—	—
IV.			Peritonitis .....	—	—	VIII.		
Rheumatic fever and rheumatism of heart .....	—	1	Diseases of liver .....	—	—	Dropsy .....	—	—
Rheumatism .....	—	—	Other diseases of digestive system .....	—	1	Debility, atrophy, inanition ..	4	—
Gout .....	—	—	Diseases of lymphatic systems and of ductless glands ...	—	1	Mortification .....	—	—
Cancer, malignant disease ..	—	6	Diseases of urinary system ..	—	3	Tumor .....	—	—
Tabes mesenterica .....	—	—	Diseases of generative system ..	—	—	Abscess .....	—	—
Tubercular meningitis .....	—	1				Hæmorrhage .....	—	—
						Sudden, cause unascertained ..	—	—
						Other ill-defined and not specified causes .....	—	—

G. H. AYLIFFE, Registrar-General of Births and Deaths.

## APRIL, 1893.

The highest temperature in the shade at the Adelaide Observatory during the month was  $86^{\circ}\cdot 1$  on the 11th; and the lowest,  $42^{\circ}\cdot 9$ , on the 27th. The mean temperature of the month was  $61^{\circ}\cdot 4$ .

The greatest range of the thermometer in one day,  $31^{\circ}\cdot 9$ , took place on the 11th, viz., from a maximum of  $86^{\circ}\cdot 1$  to a minimum of  $54^{\circ}\cdot 2$ ; the lowest range,  $14^{\circ}\cdot 5$ , on the 1st.

The mean height of the barometer was  $29\cdot 835$  inches; the maximum,  $30\cdot 064$  inches, occurred on the 19th; and the minimum,  $29\cdot 582$  inches, on the 30th.

Observatory, Adelaide. May 3rd, 1893.

C. TODD, Observer.